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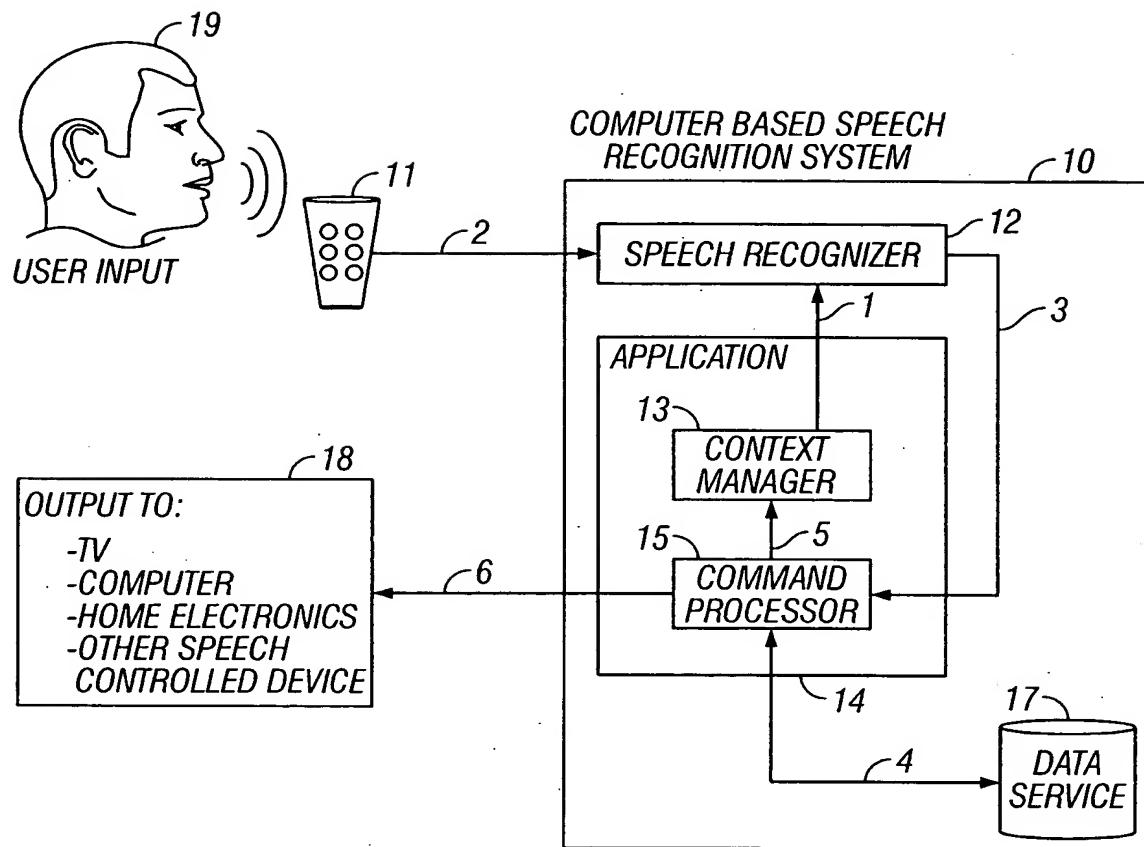


FIG. 1

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TOP-LEVEL GRAMMAR ²⁰

UTTERANCE	ATTRIBUTE	LINKED GRAMMAR
"SET"	CHAINED COMMAND	SET GRAMMAR
"FIND"	CHAINED COMMAND	FIND GRAMMAR
ETC.	ETC.	ETC.
ETC.	ETC.	ETC.



"SET" GRAMMAR ²²

UTTERANCE	ATTRIBUTE	LINKED GRAMMAR
"OPTIONS"	CHAINED COMMAND	OPTION GRAMMAR
"PREFERENCES"	CHAINED COMMAND	PREFERENCES GRAMMAR
ETC.	ETC.	ETC.
ETC.	ETC.	ETC.



"OPTIONS" GRAMMAR ²⁴

UTTERANCE	ATTRIBUTE	LINKED GRAMMAR
"FAVORITE"	CHAINED COMMAND	FAVORITE GRAMMAR
"BLOCKS"	CHAINED COMMAND	BLOCKS GRAMMAR
ETC.	ETC.	ETC.
ETC.	ETC.	ETC.



"FAVORITES" OPTION ²⁶

UTTERANCE	ATTRIBUTE	LINKED GRAMMAR
"CHANNEL 2"	CHANNEL TYPE	NONE
"CATEGORY"	CHAINED COMMAND	CATEGORY GRAMMAR
ETC.	ETC.	ETC.
ETC.	ETC.	ETC.



"CATEGORY" GRAMMAR ²⁸

UTTERANCE	ATTRIBUTE	LINKED GRAMMAR
"SPORTS"	CATEGORY TYPE	NONE
"MOVIES"	CATEGORY TYPE	NONE
ETC.	ETC.	ETC.
ETC.	ETC.	ETC.

FIG. 2

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PROGRAM INFORMATION GRAMMAR ³⁰

UTTERANCE	ATTRIBUTE	LINKED GRAMMAR
"ROBERT REDFORD"	ACTOR TYPE	ROBERT REDFORD
	CHAINED COMMAND	PROGRAMS GRAMMAR
ETC.	ETC.	ETC.
ETC.	ETC.	



ROBERT REDFORD PROGRAMS GRAMMAR ³²

UTTERANCE	ATTRIBUTE	LINKED GRAMMAR
"BUTCH CASSIDY"	PROGRAM TYPE	NONE
"THREE DAYS OF THE CONDOR"	PROGRAM TYPE	NONE
ETC.	ETC.	ETC.
ETC.		ETC.

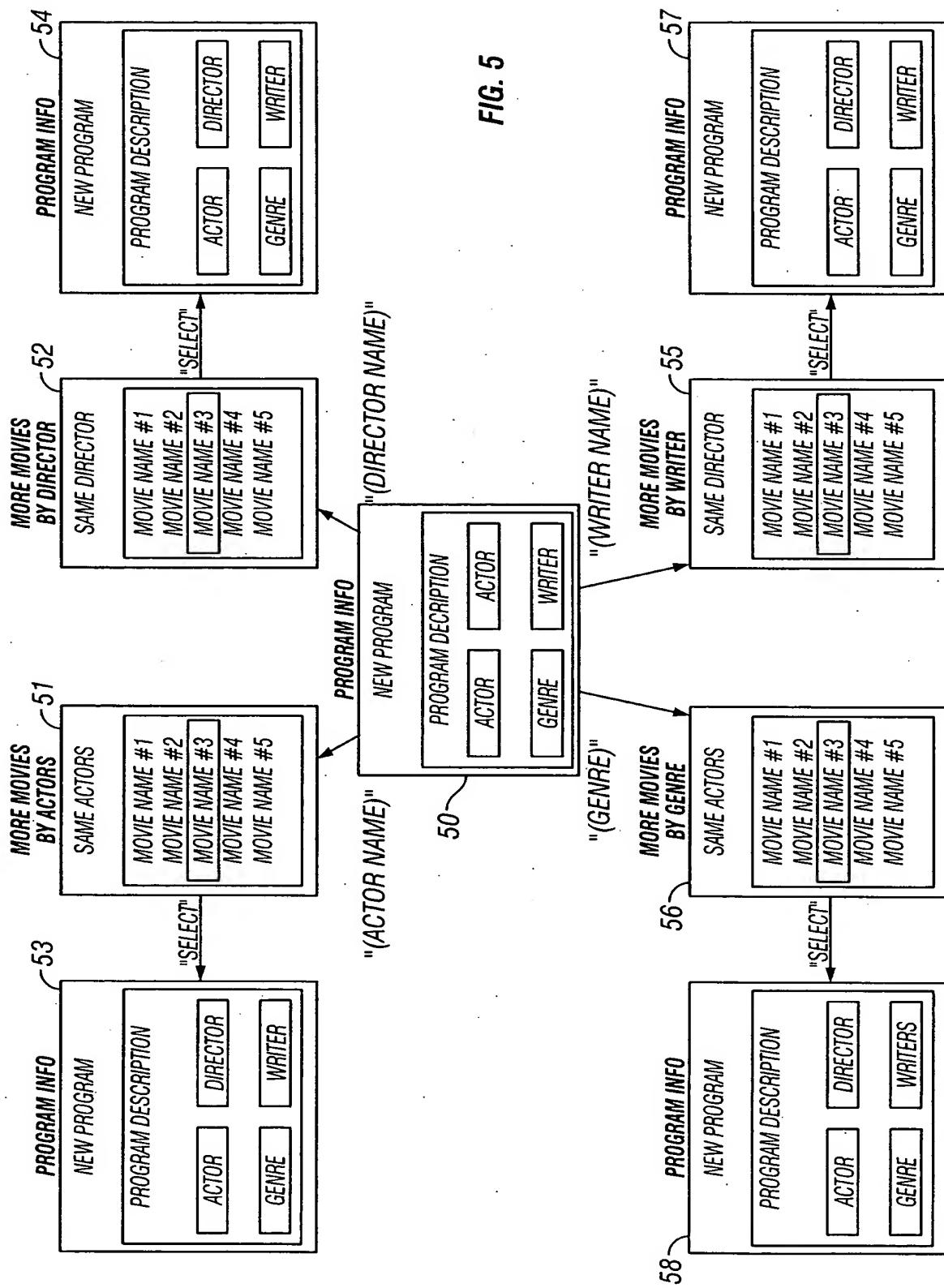
FIG. 3

PROGRAM INFORMATION GRAMMAR ³⁰

UTTERANCE	ATTRIBUTE	LINKED GRAMMAR
"ROBERT REDFORD"	ACTOR TYPE	NONE
ETC.	ETC..	ETC.

FIG. 4

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STEP-BY-STEP TARGETED SEARCH
(USING INDIVIDUAL COMMANDS)

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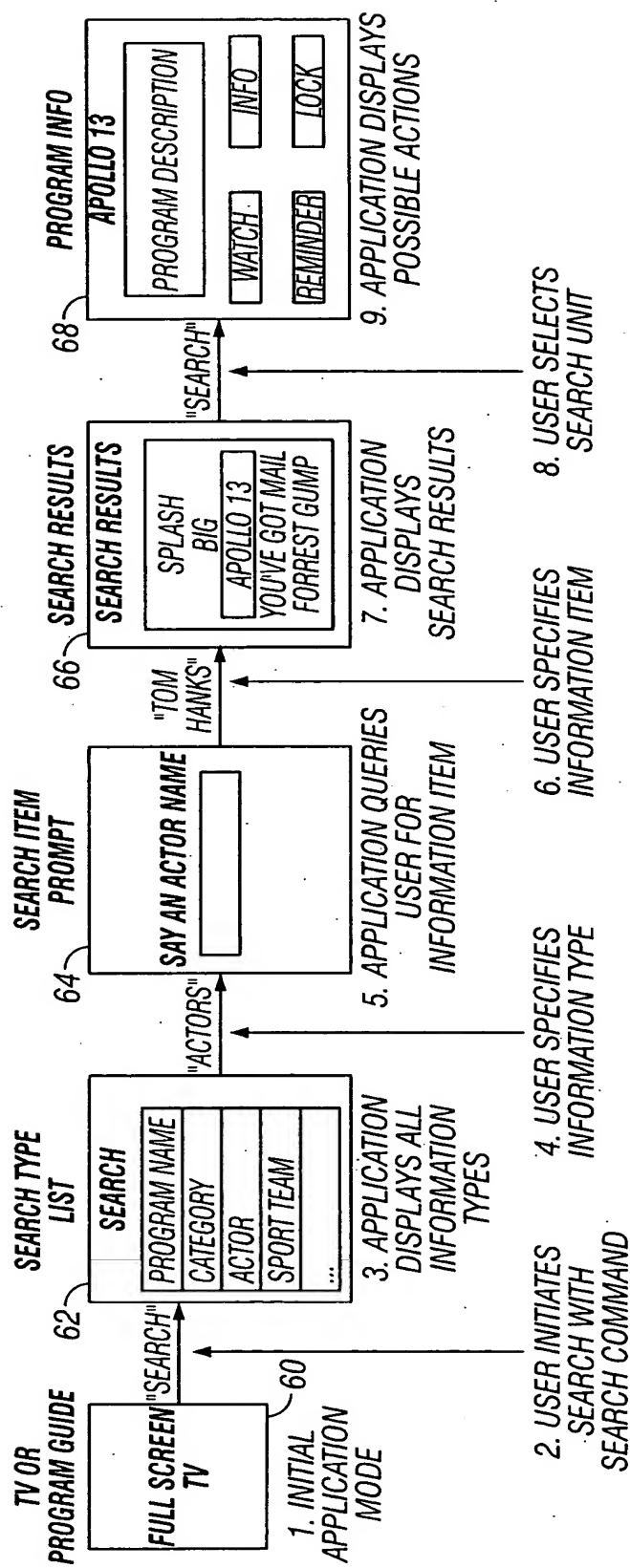


FIG. 6

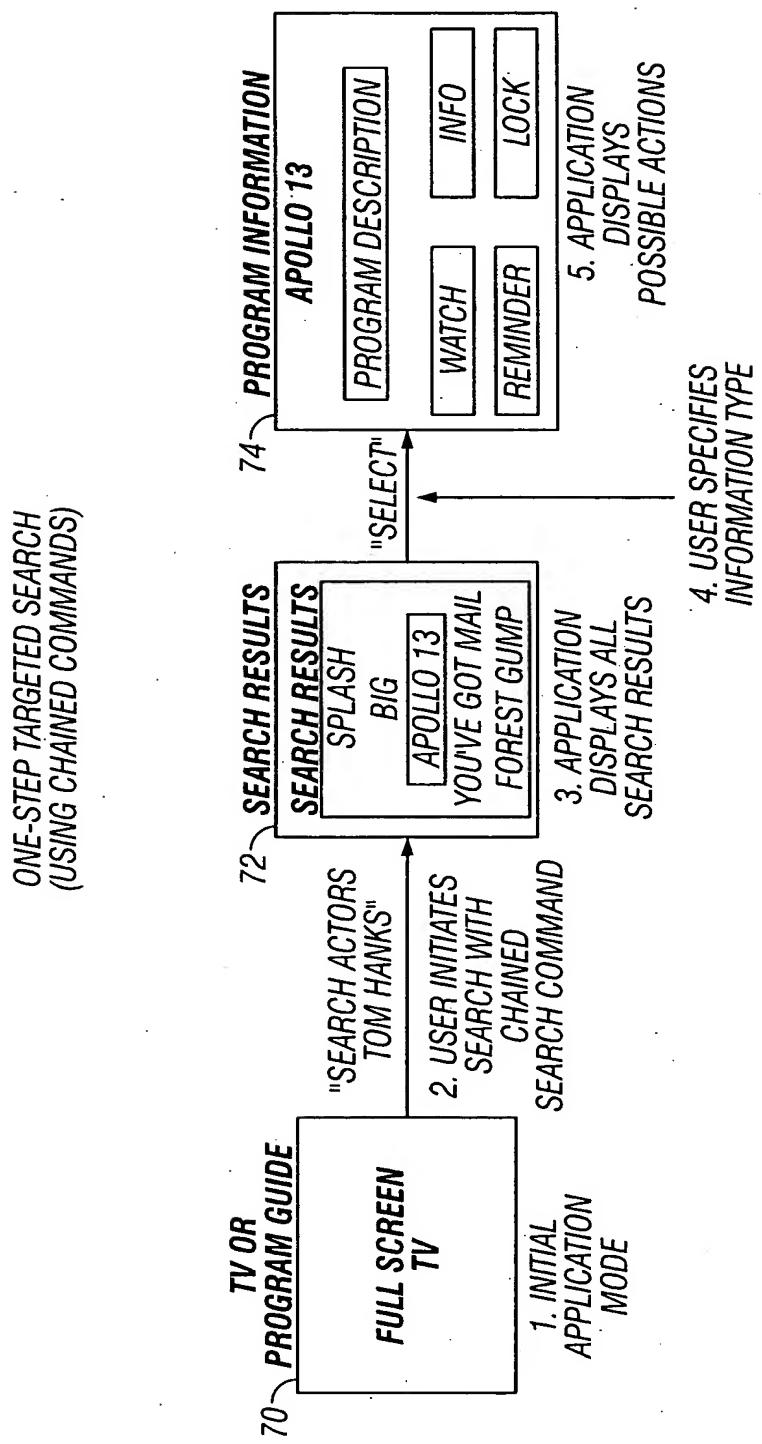
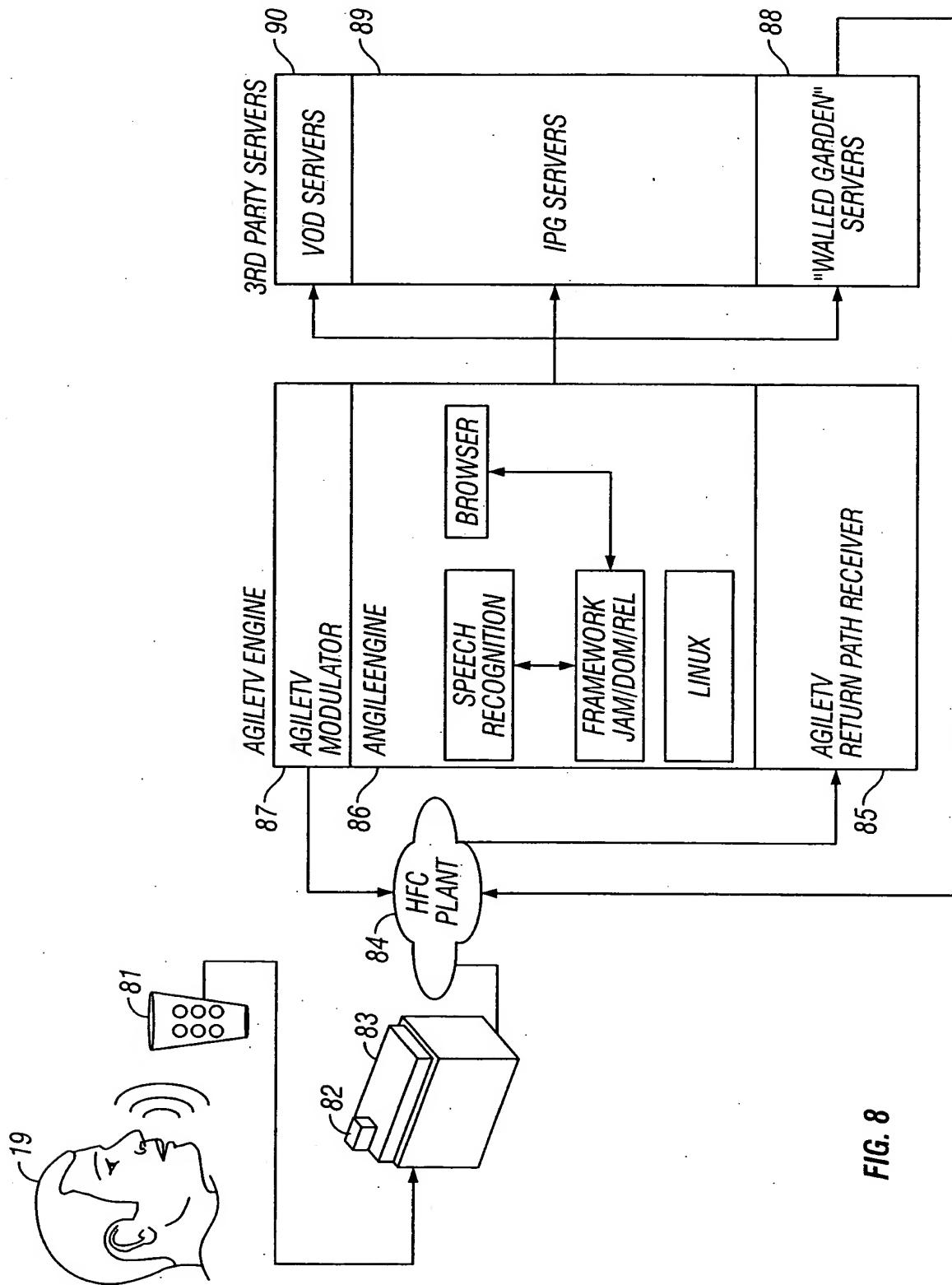


FIG. 7

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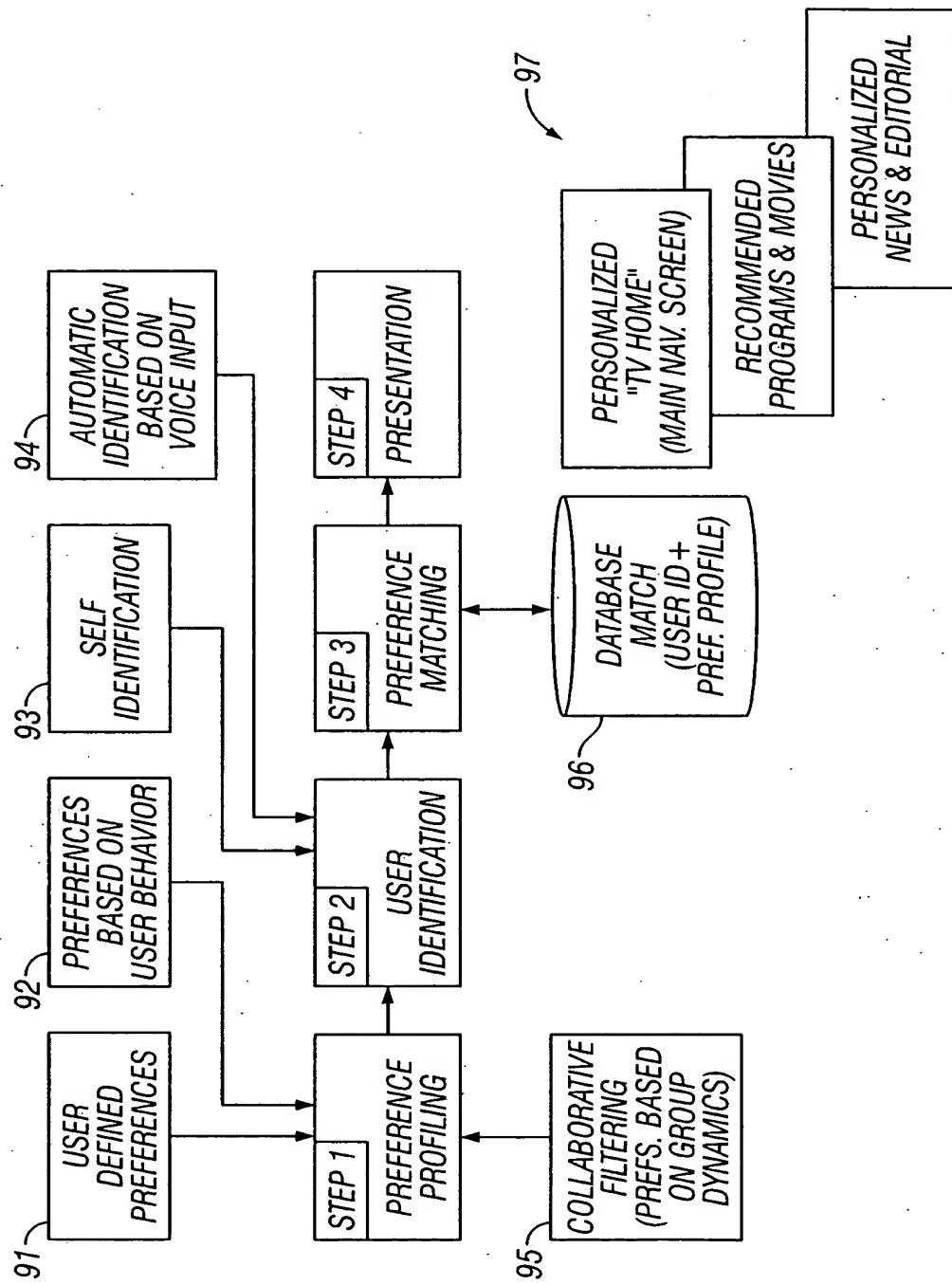


FIG. 9

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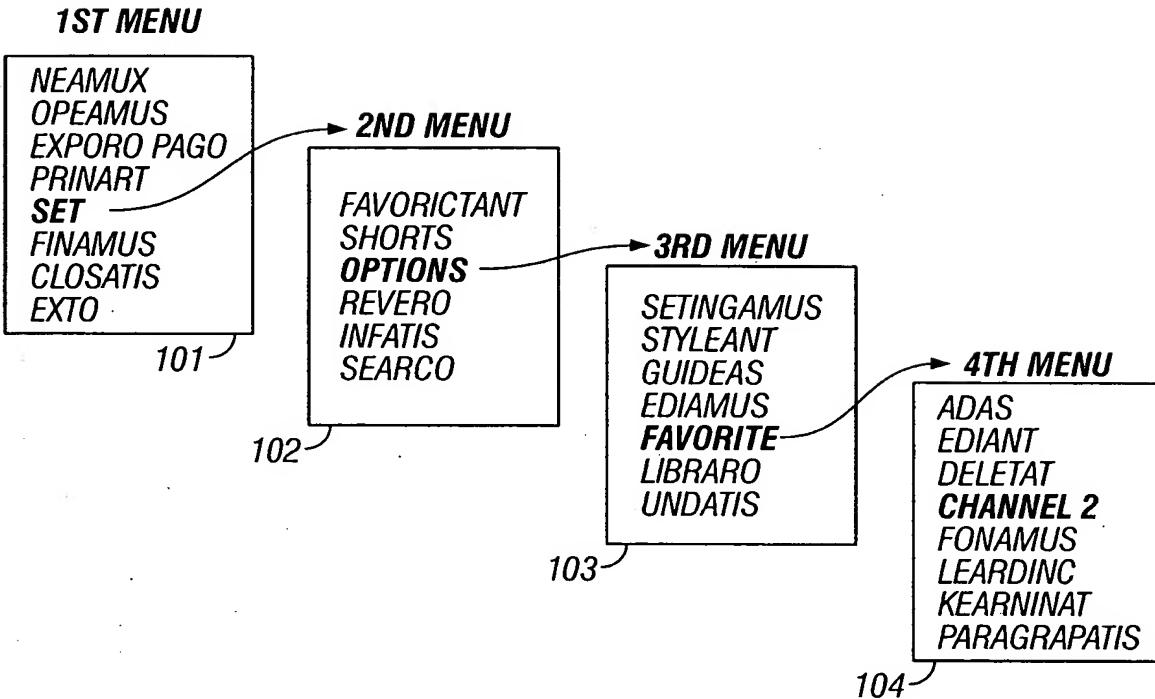


FIG. 10
(PRIOR ART)

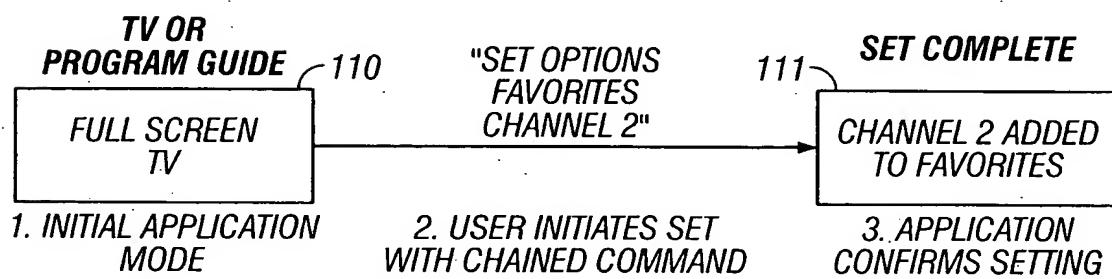


FIG. 11

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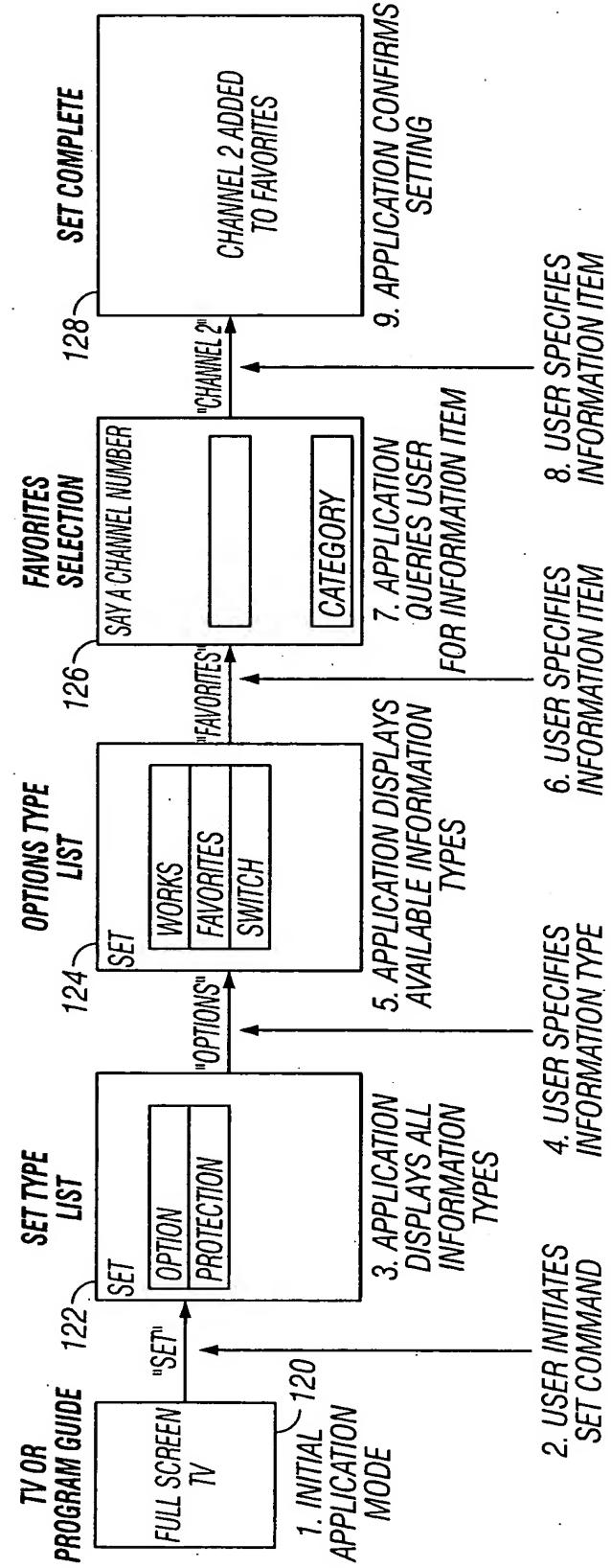


FIG. 12

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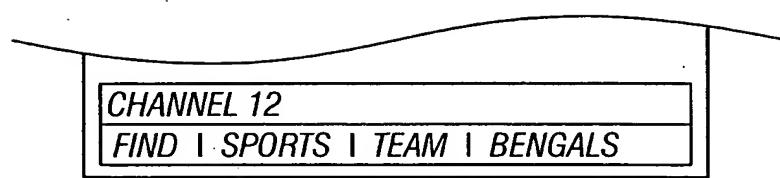


FIG. 13

PERSONAL CHANNEL LINEUP — 140
FULL LINEUP

PERSONAL LINEUP

2 FOX TEXAS JUSTICE	4 NBC FRIENDS	5 CBS CSI: MIAMI	6 ESPN GIANTS vs. ANGELS	8 MTV MUSIC VIDEOS	9 SHO SAVING PRIVATE RYAN	10 QVC SHOPPING
3 HBO SNATCH						
4 NBC FRIENDS						
5 CBS CSI MIAMI						
6 ESPN GIANTS vs. ANGELS						
7 SCIFI GODZILLA						
8 MTV MUSIC VIDEOS						
9 SHO SAVING PRIVATE RYAN						
10 QVC SHOPPING						

GRAY INDICATES WHICH CHANNELS AND
PROGRAMS HAVE BEEN ADDED TO
USER'S PERSONAL LINEUP

PERSONAL CHANNEL LINEUP — 142
FULL LINEUP

PERSONAL LINEUP

2 FOX TEXAS JUSTICE	4 NBC FRIENDS	5 CBS CSI: MIAMI	6 ESPN GIANTS vs. ANGELS	8 MTV MUSIC VIDEOS	9 SHO SAVING PRIVATE RYAN	10 QVC SHOPPING
3 HBO SNATCH						
4 NBC FRIENDS						
5 CBS CSI MIAMI						
6 ESPN GIANTS vs. ANGELS						
7 SCIFI GODZILLA						
8 MTV MUSIC VIDEOS						
9 SHO SAVING PRIVATE RYAN						
10 QVC SHOPPING						

GRAY INDICATES WHICH CHANNELS AND
PROGRAMS BEONG TO THE MOVIE CATEGORY

PERSONAL CHANNEL LINEUP — 142
FULL LINEUP

MOVIE CATEGORY LINEUP

2 FOX TEXAS JUSTICE	3 HBO SNATCH	3 HBO SNATCH	3 HBO SNATCH	7 SCIFI GODZILLA	9 SHO SAVING PRIVATE RYAN
4 NBC FRIENDS					
5 CBS CSI MIAMI					
6 ESPN GIANTS vs. ANGELS					
7 SCIFI GODZILLA					
8 MTV MUSIC VIDEOS					
9 SHO SAVING PRIVATE RYAN					
10 QVC SHOPPING					

GRAY INDICATES WHICH CHANNELS
BELONG TO THE MOVIE CATEGORY

CHANNEL, PROGRAM, RATING, AND CATEGORY BLOCKS — 144
FULL LINEUP

LINEUP WITH BLOCKS

2 FOX TEXAS JUSTICE	2 FOX TEXAS JUSTICE	3 HBO SNATCH	3 HBO SNATCH	4 NBC FRIENDS	5 CBS CSI MIAMI	6 ESPN GIANTS vs. ANGELS	7 SCIFI GODZILLA	8 MTV MUSIC VIDEOS	9 SHO SAVING PRIVATE RYAN	10 QVC SHOPPING
3 HBO SNATCH										
4 NBC FRIENDS										
5 CBS CSI MIAMI										
6 ESPN GIANTS vs. ANGELS										
7 SCIFI GODZILLA										
8 MTV MUSIC VIDEOS										
9 SHO SAVING PRIVATE RYAN										
10 QVC SHOPPING										

GRAY INDICATES WHICH CHANNELS AND
PROGRAMS ARE BLOCKED

ATROPHFYING UNWATCHED CHANNELS — 146
FULL LINEUP

LINEUP WITHOUT UNWATCHED CHANNELS

2 FOX TEXAS JUSTICE	2 FOX TEXAS JUSTICE	3 HBO SNATCH	3 HBO SNATCH	4 NBC FRIENDS	5 CBS CSI MIAMI	6 ESPN GIANTS vs. ANGELS	7 SCIFI GODZILLA	8 MTV MUSIC VIDEOS	9 SHO SAVING PRIVATE RYAN	10 QVC SHOPPING
3 HBO SNATCH										
4 NBC FRIENDS										
5 CBS CSI MIAMI										
6 ESPN GIANTS vs. ANGELS										
7 SCIFI GODZILLA										
8 MTV MUSIC VIDEOS										
9 SHO SAVING PRIVATE RYAN										
10 QVC SHOPPING										

GRAY INDICATES WHICH CHANNELS
HAVE NOT BEEN WATCHED

UNWATCHED CHANNELS
REMOVED FROM LINEUP

GRAY INDICATES WHICH CHANNELS
HAVE NOT BEEN WATCHED

BLOCK CHANNELS IN EFFECT

GRAY INDICATES WHICH CHANNELS AND
PROGRAMS ARE BLOCKED

FIG. 14

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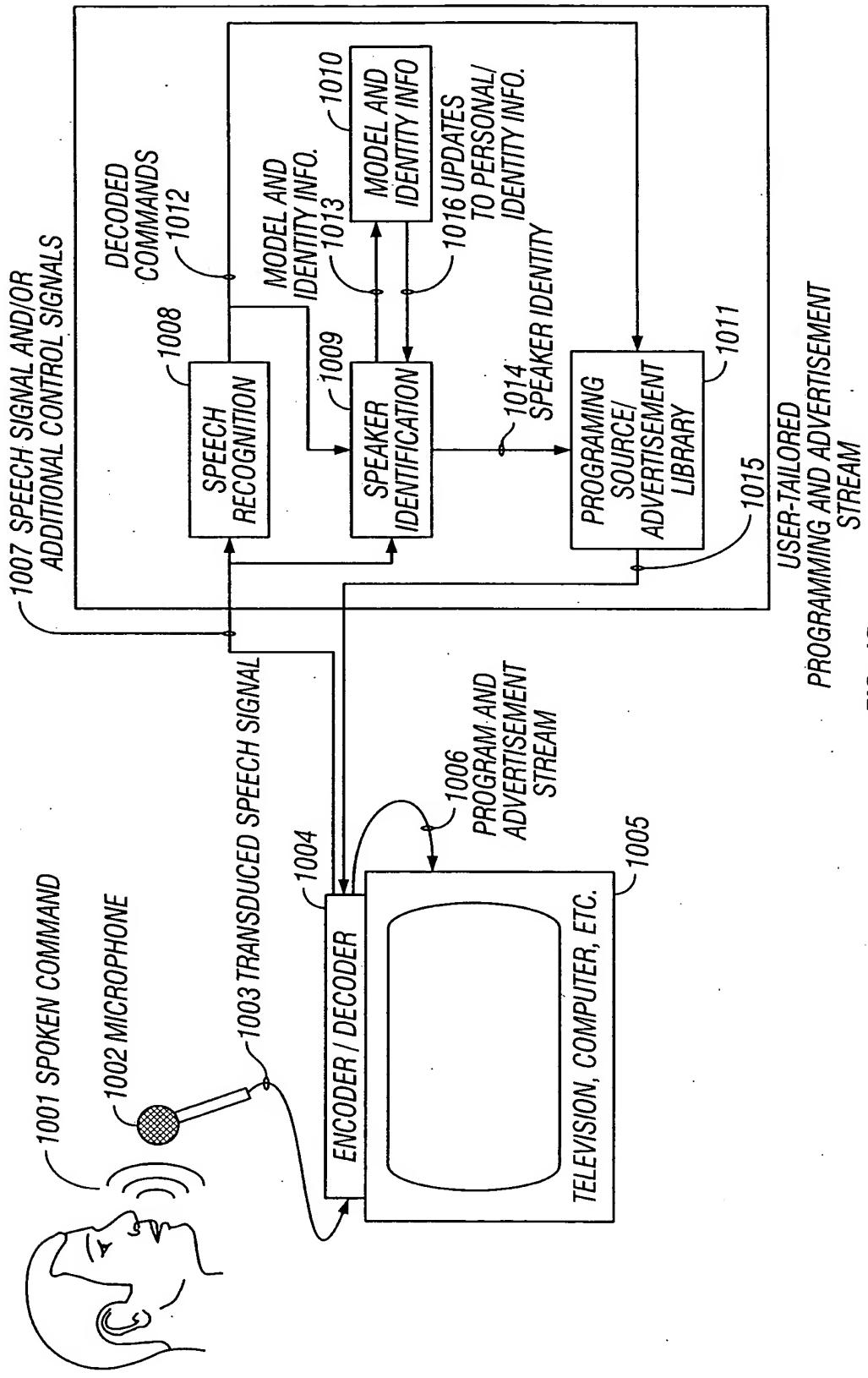


FIG. 15

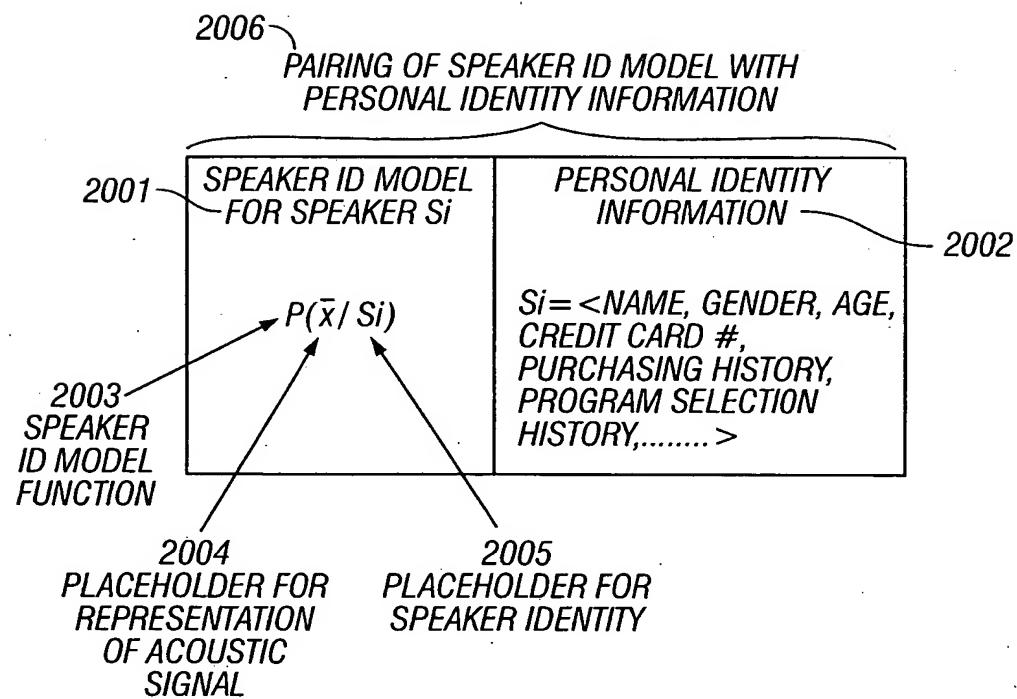


FIG. 16

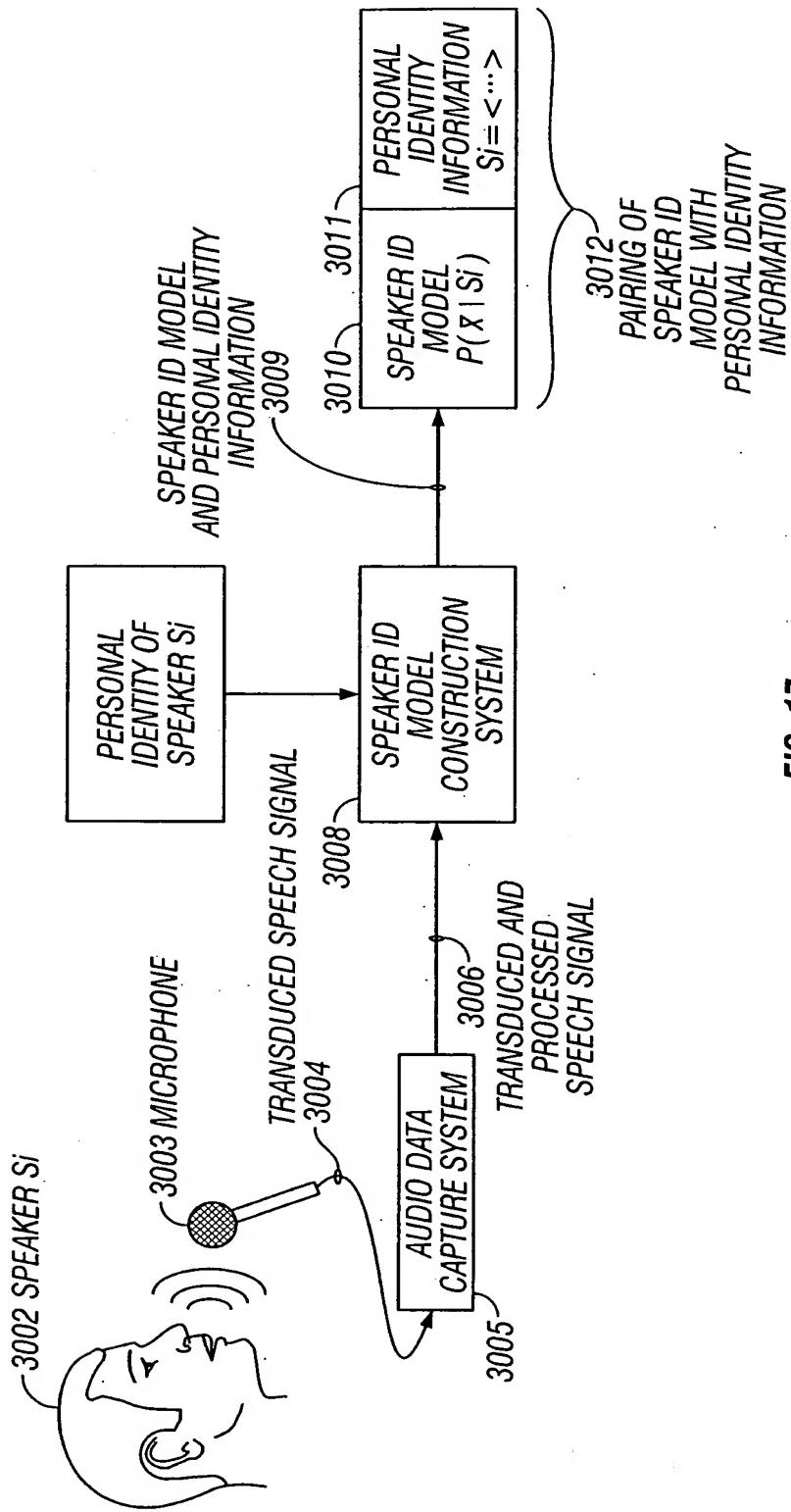


FIG. 17

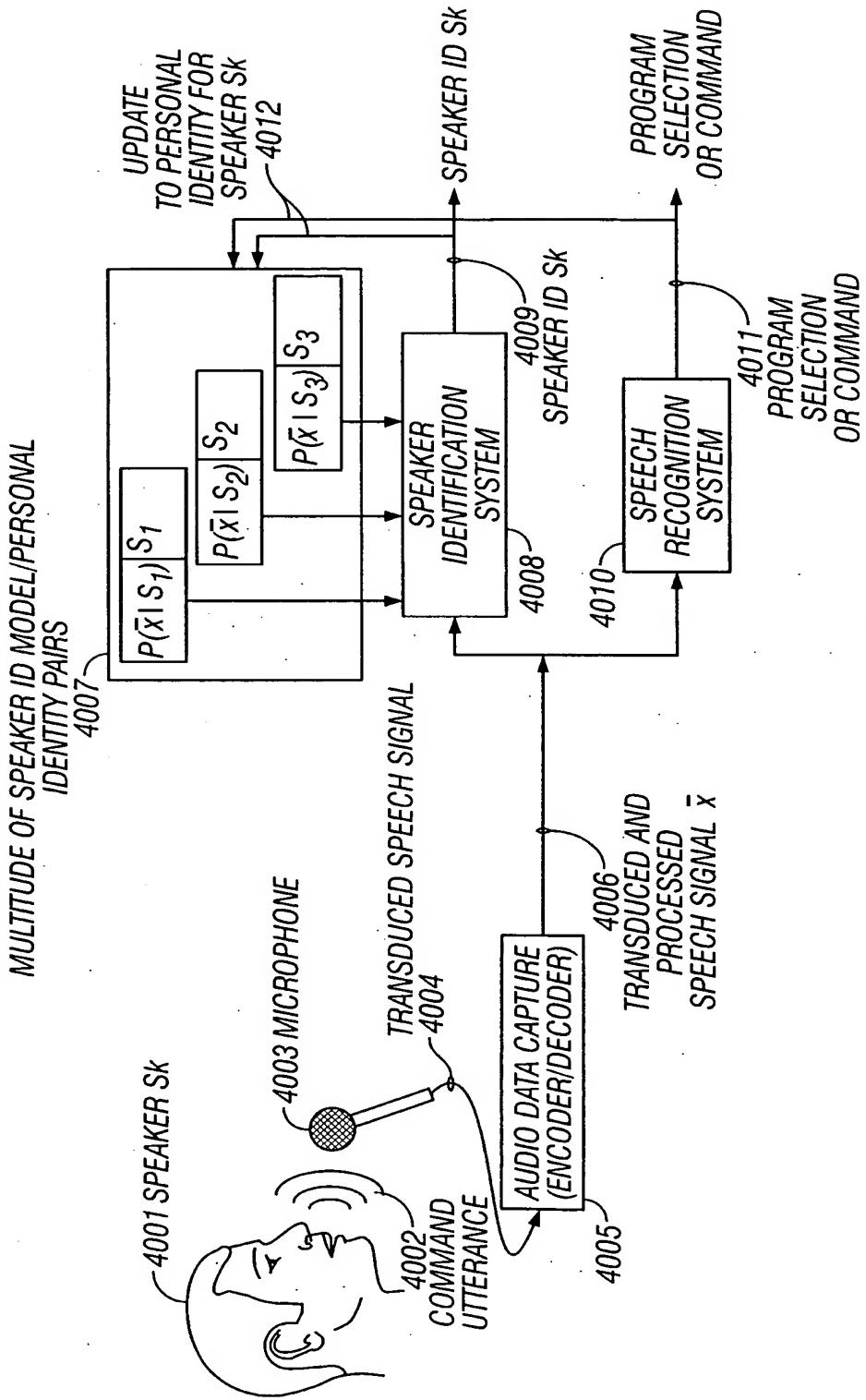


FIG. 18

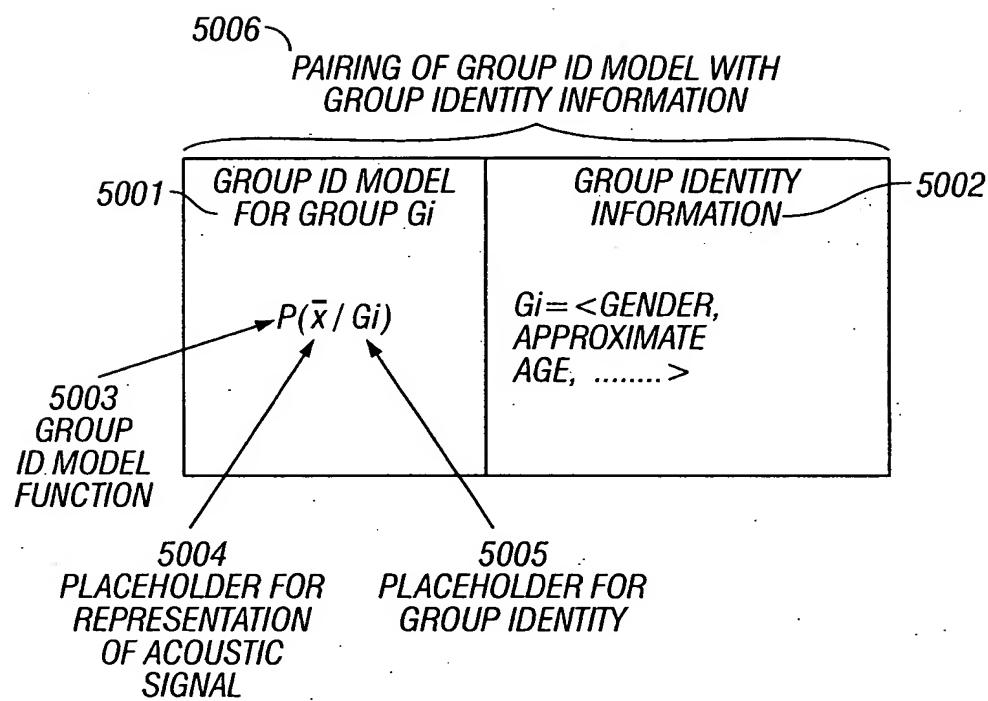


FIG. 19

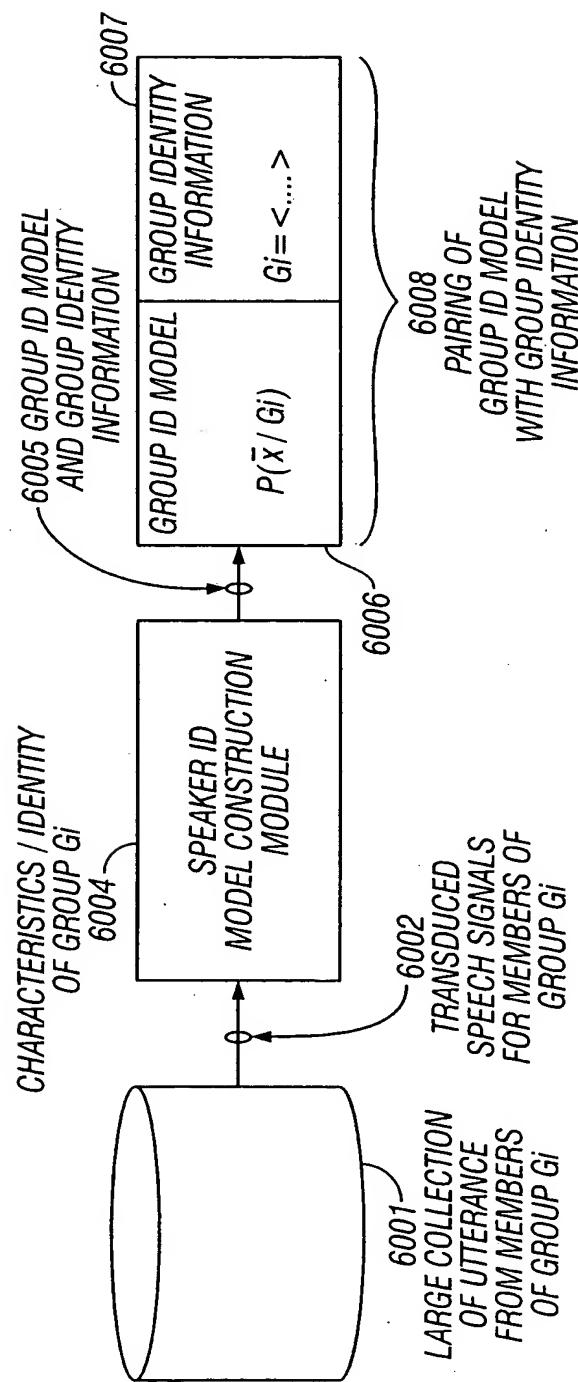


FIG. 20

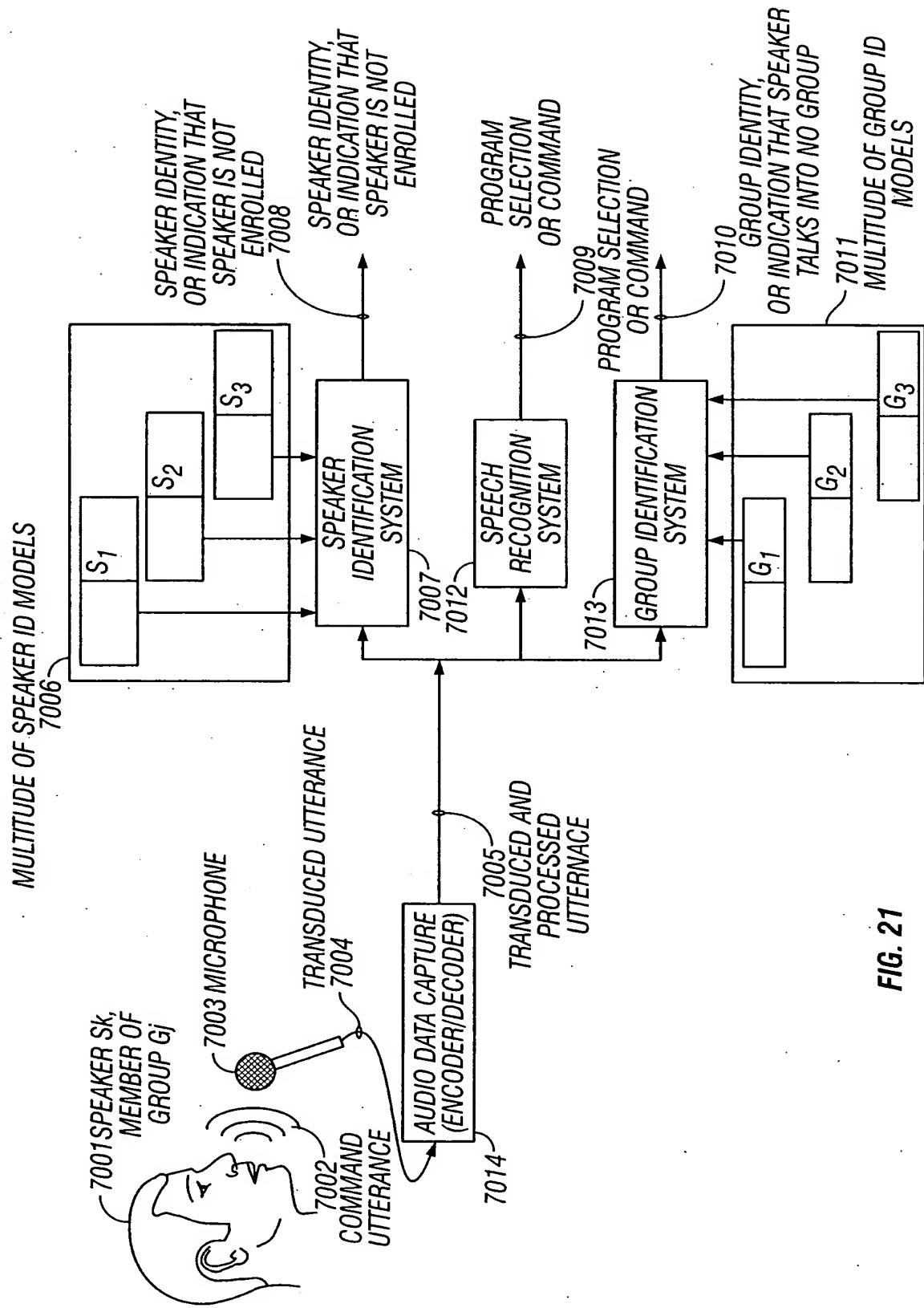


FIG. 21